

IN THE CLAIMS

1. (previously presented) A method of storing audio files comprises:

(a) receiving at a central location electronic files representing audio signals from a first device,

(b) associating the audio files with authentication identification information of a user,

(c) storing said audio files at said central location on at least a portion of a storage media, said portion uniquely associated with said authentication identification information,

(d) receiving at said central location said authentication identification information from a second device,

(e) transmitting said audio files to said second device upon receipt of said authentication identification information.

2. (original) The method of claim 1 wherein said server is a web server and said files and information are received and transmitted via the Internet.

3. (original) The method of claim 1 wherein at least one of said devices is a general purpose computer.

4. (original) The method of claim 3 wherein at least one of said devices is a personal computer.

5. (original) The method of claim 1 wherein said second device is installed in an automobile.

6. (original) The method of claim 1 wherein at least one of said devices is a personal digital assistant.

7. (original) The method of claim 6 wherein said personal digital assistant receives said audio files via wireless communication.

8. (original) The method of claim 1 further comprising encoding said electronic files from a source of audio information.

9. (original) The method of claim 8 wherein said source is a compact disk.

10. (original) The method claim 1 wherein said electronic files are compatible with the MPEG format when received at said central location.

11. (original) The method claim 1 wherein said electronic files are compatible with the ATRAC3 format when received at said central location.

12. (previously presented) The method of claim 1 further comprising receiving said authentication identification information from said first device.

13. (previously presented) The method of claim 1 wherein said step of receiving at said central location said authentication identification information comprises said second device automatically sending said authentication identification information to said central location.

14. (previously presented) The method of claim 12 or 13 wherein said authentication identification information is associated with said device.

15. (original) The method of claim 14 wherein said first device and said second device are the same device.

16. (cancelled)

17. (previously presented) The method of claim 15 wherein said step of associating said audio files with identification information comprises a user sending information which identifies the user.

18. (original) The method of claim 1 wherein said identification information is sent from said first device when said first device is connected to said central location via a network.

19. (original) The method of claim 18 wherein said network is the Internet.

20. (previously presented) The method of claim 19 wherein said authentication identification information is sent automatically by said first and second devices to said central location.

21. (original) The method of claim 1 further comprising the step of receiving at said central location a request for at least one of said files and wherein said step of transmitting comprises transmitting said at least one of said files.

22. (original) The method of claim 21 further comprising the step of comparing the identification information associated with said requested file with the identification information received during said step of receiving said identification

information from said second device, and said step of transmitting is conditional upon the results of said comparison.

23. (original) The method of claim 22 further comprising the step of transmitting to said second device a list of the files associated with the identification information received from said second device.

24. (original) The method of claim 23 further comprising comparing the size of the electronic file with the amount of said portion uniquely associated with said identification information, and wherein performance of said step of storing is conditional upon the result of such comparison.

25. (original) The method of claim 24 further comprising transmitting a notification to the user if the size of the electronic file plus the size of other files stored in said portion is greater than the amount of said portion.

26. (previously presented) The method of claim 1 wherein said second device is at a geographic location remote from said first device.

27. (original) The method of claim 1 wherein said step of transmitting comprises downloading said file.

28. (original) The method of claim 27 wherein said step of transmitting comprises streaming said file to said second device.

29. (original) The method of claim 27 wherein said step of transmitting comprises permitting said second device to permanently store said file.

30. (original) The method of claim 1 further comprising:

(a) receiving at said central location electronic files representing audio signals from a third device, said third device having different identification information,

(b) storing the audio files from said third device on a portion of said storage media that is different from the portion uniquely associated with said identification information associated with said audio files from said first device.

31. (original) A system for storing and transmitting audio information comprising:

a processor;

memory;

data stored in said memory, said data identifying a plurality of users or devices, said data further comprising a plurality of files associated with audio information, each said file being uniquely associated with the identity of a single user or device;

a set of instructions executable by said processor, said instructions conditioning the transmission of a song from the system to a user or device based on the identity of the user or device associated with said audio information.

32. (original) The system of claim 31 wherein the total size of files stored in said data for a particular user or device is limited.

33. (original) The system of claim 32 wherein a file associated with a first user is identical to a file associated with a second user and said data comprises two copies of said file.

34. (original) The system of claim 31 wherein said system comprises a server.

35. (original) The system of claim 34 further comprising an audio player connected via a network to said server, said audio player being identified by at least some of the data identifying a plurality of users or devices.

36. (original) The system of claim 35 wherein said audio player comprises memory containing information identifying said player.

37. (original) The system of claim 36 wherein said audio player further comprises a speaker and a processor for playing said file.

38. (original) The system of claim 36 wherein said audio player sends the identification information automatically to said server.

39. (original) The system of claim 36 wherein said remote device is a PDA.

40. (original) The system of claim 36 wherein the identification information comprises a GUID.

41. (original) The system of claim 31 wherein said identification information comprises a portable audio player.

42. (previously presented) A method of storing and transmitting songs comprising:

uniquely associating a portion of the storage space on a server with a user or device, the storage space to store song files each having a filename;

associating said portion with a first user authentication identifier;

receiving said first user authentication identifier;

receiving a song file representative of a song; and

storing said song file with a filename in the portion of said storage space associated with said first user authentication identifier;

receiving a second authentication identifier and a request for said song file;

comparing said second authentication identifier with the first user authentication identifier associated with said requested song file;

transmitting said song file in response to said request depending upon the outcome of said step of comparing.

43. (original) The method of claim 42 wherein if a first file is received along with a first identifier and a second file is received along with a second identifier and said first file and second file are identical copies of one another, then said first file is stored on a portion of said storage space different from the portion where said second file is stored.

44. (original) The method of claim 43 further comprising the step of tracking the number of times a song file has been transmitted.

45. (original) The method of claim 42 wherein said step of storing said song file in the portion of said storage space associated with said first identifier occurs prior to said step of associating said portion with a first identifier.

46. (original) The method of claim 42 wherein said step of receiving said song file comprises receiving said song file from said user.

47. (original) The method of claim 42 wherein said step of receiving said song file comprises receiving said song file from a bank of song files.

48. (original) The method of claim 47 further comprising the step of said song bank preventing access to said song file stored at said song bank for an amount of time.

49. (original) The method of claim 48 wherein said amount of time is determined by the number of times a user is permitted to download the song.

50. (previously presented) The method of claim 1 wherein the authentication identification information comprises a GUID.

51. (previously presented) A method for storing audio files for use by multiple users to prevent access to an authorized user's audio files by other authorized users comprising:

(a) receiving at a central system a plurality of electronic files representing audio signals for the purpose of storing the plurality of files at the central system for multiple users,



(b) storing a plurality of sets of electronic files of the plurality of audio files at the central system, each set being uniquely associated with authentication identification information of a user,

(c) receiving at said central location authentication identification information of a user from a device, and

(d) transmitting audio files of a set of audio files to said device upon receipt of said authentication identification information of the user;

wherein different stored sets of electronic files of the plurality of audio files on the central system are exclusively accessible to different authentication identification information.

52. (new) A method for storing audio files for use by multiple users to prevent access to an authorized user's audio files by other authorized users comprising:

(a) receiving at a central system a plurality of electronic files representing audio signals for the purpose of storing the plurality of files at the central system for multiple users,

(b) storing a plurality of sets of electronic files of the plurality of audio files at the central system, each set being uniquely associated with authentication identification information of a user,

(c) receiving at said central location authentication identification information of a user from a device, and

(d) transmitting audio files of a set of audio files to said device upon receipt of said authentication identification information of the user;

wherein different stored sets of electronic files of the plurality of audio files on the central system are

exclusively accessible to different authentication identification information,

wherein the central location is configured to permit concurrent submission of the authentication identification information of the user and audio file identification information from the device for transmitting at least one of the audio files to the device, without first transmitting a song selection list to the device.

53. (new) The method of claim 1 wherein the central location is configured to permit concurrent submission of the authentication identification information of the user and audio file identification information by the second device.

54. (new) The system of claim 31 wherein the set of instructions executable by said processor permit concurrent submission of the identity of the user and a song identification as a condition of the transmission of the song.

55. (new) The method of claim 42 further comprising receiving concurrent information in a request, the concurrent information comprising a request for a particular song file representative of a song and said first user authentication identifier; and transmitting the song file upon authenticating the request with the first user authentication identifier.